

- coupling the measurement value pick-ups to a data processing apparatus which processes the recorded measurement values;

- storing measurement value comparative data from other experimentees in the data processing apparatus; and

- comparing the recorded measurement value data to the measured value comparative data and representing the measurement result on a display device coupled to the data processing apparatus, so that the observer can recognize the quality of the measured golf swing of the experimentee in relation to other experimentees.

11. A method as in claim 10, wherein the number of value pick-ups along the spinal column of a human body of an experimentee is three.

12. A method as in claim 10, wherein said pick-ups are ultrasonic measurement value pick-ups.

13. A method according to Claim 10, wherein the following parameters are ascertained in the golf swing individually and/or jointly:

- rotation of the lumbar spinal column (alpha1 curve, LSC),
- rotation of the thoracic spinal column (alpha2 curve, TSC),
- sagittal flexion of the lumbar spinal column (beta1 curve),
- sagittal flexion of the thoracic spinal column (beta2 curve),
- lateral flexion of the lumbar spinal column (gamma1 curve), and

- lateral flexion of the thoracic spinal column (gamma2 curve).

14. A method according to Claim 10, wherein an equilibrium measurement operation in the golf swing is also implemented.

15. A method according to Claim 10, wherein there are provided means, by means of which the club head behavior, in particular its direction and rotation in the golf swing, is detected.

16. A method as in claim 15, wherein said means for detecting club head behavior is at least one of strain gauges and accelerometers.

17. A method according to Claim 10, wherein the measurement values are recorded a video recording of the experimentee is made and the recorded measurement data and also the video recording can be represented on the display device.

18. A method according to Claim 10, wherein the anti-flexion, rotation and lateral flexion of an experimentee in the golf swing are ascertained in various positions in the golf swing,

19. A method as in claim 18, wherein said positions of the golf swing are selected from the address position, the upper reversal point, the hitting point and the final position.

20. A method according to Claim 10, wherein the present comparative data, golf swing pattern card recordal or

classification allocation is effected, in which golfers of different handicap scores are associated with given card recording values and that categorization of the experimentee in the overall card recordal is effected on the basis of the measured recorded data.

21. A method according to Claim 10, wherein the classification card recordal comprises a plurality of surfaces and that different surfaces are associated with different performance stages of a golfer.

22. A method for analyzing the pattern of movements of the thoracolumbar part of the spinal column in a golf swing comprising:

- positioning a plurality of measurement value pick-ups on the human body;
- the measurement value pick-ups are adapted for detecting movements three-dimensionally in degrees of angle per transit time measurement, the speed, acceleration and/or the direction of movement of the body measurement points to be sensed during the golf swing;
- coupling the measurement value pick-ups to a data processing apparatus which processes the recorded measurement values; and
- representing the recorded measurement value data on the display device which is coupled to the data processing apparatus.

23. A method as in claim 22, wherein the number of value pick-ups along the spinal column of a human body of an experimentee is three.